

Appln No.  
Amtd. Dated: August 21, 2006  
Response to Office Action of June 29, 2006

RECEIVED  
CENTRAL FAX CENTER

2

AUG 21 2006

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A printer controller for supplying dot data to a printhead in a predetermined order, the printhead comprising at least first and second printhead modules, each comprising a plurality of printing nozzles and spanning a respectively different printhead width, the printhead modules being disposed adjacent each other such that a printing width of the printhead is wider than a each of the respective printing width widths of either of the printhead modules, the printer controller being configurable during or after manufacture to order and time supply of the dot data to the printhead modules such that the difference in the printing widths of the printhead modules and any relative displacement between the printhead printing nozzles of the printhead modules in a direction normal to the printhead printing width is are at least partially compensated for.
2. (Original) A printer controller according to claim 1, configurable to provide compensation for any of a plurality of different amounts of the relative displacement.
3. (Original) A printer controller according to claim 2, wherein each of the printhead modules comprises a plurality of parallel rows of the printing nozzles, the printhead being configured such that each of the rows of each printhead module has a corresponding row in each of the other printhead modules, the printer controller being controllable to introduce a relative delay into the dot data supplied to one or more of the rows, thereby to provide the compensation.
4. (Original) A printer controller according to claim 3, wherein the printhead is configured to print the dots at a predetermined spacing in a direction in which print media is supplied for printing, wherein the delay introduced by the printer controller equates to an integral multiple of the spacing during printing.